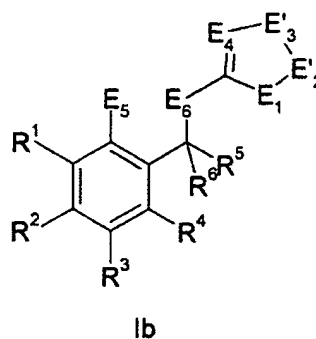
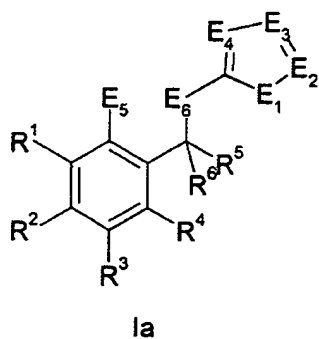


BASF Aktiengesellschaft

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B02/0609 IB/KO/ewe**Abstract**

A compound of the formula Ia or Ib:



where,

in the formula Ia,

E<sub>1</sub> is O, S, Se, Te, NR, CR<sub>2</sub>, or PR;E<sub>2</sub>, E<sub>3</sub> are each CR, N, or P;E<sub>4</sub> is N, or P;E<sub>5</sub> is OH, SH, NHR, OR', SR', or NRR';E<sub>6</sub> is NH, PH, NR', or PR';R<sup>5</sup>, R<sup>6</sup> are each hydrogen or a linear, branched or cyclic alkyl radical or an aryl radical;R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> are each hydrogen, a linear, branched or cyclic alkyl radical, an aryl radical, a halogen or a nitro group;

R is hydrogen, a linear, branched or cyclic alkyl radical;

R' is a linear, branched or cyclic alkyl radical;

where at least one of the groups E<sub>5</sub> and E<sub>6</sub> contains a hydrogen atom; and

in the formula Ib,

the symbols  $E_1$ ,  $E_4$ ,  $E_5$ ,  $E_6$ ,  $R^5$ ,  $R^6$ ,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R$  and  $R'$  are as defined in formula Ia;

and

$E'_2$  and  $E'_3$  are each O, S, Se, Te, NR,  $CR_2$ , or PR.